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**TITLE:** Targeting Trypsin-Inflammation Axis for Pancreatitis Therapy in a Humanized Pancreatitis Model

**PRINCIPAL INVESTIGATOR:** Baoan Ji

**CONTRACTING ORGANIZATION:** Mayo Clinic Jacksonville  
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**REPORT DATE:** October 2016

**TYPE OF REPORT:** Annual

**PREPARED FOR:** U.S. Army Medical Research and Materiel Command  
Fort Detrick, Maryland 21702-5012

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# REPORT DOCUMENTATION PAGE

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Summary of Updated Technical/Progress Report (RE: Ji, Baoan - W81XWH-15-1-0257):

As you understand, our laboratory was in the process of transferring from Mayo Clinic-Rochester, MN to Mayo Clinic-Jacksonville, FL. Our lab moved to Jacksonville February, 2016. The fund transfer process took a while. Finally it was done in the middle of September, 2016. During the transfer, we have no access to the fund and we were not allowed to do any related research. We just started breeding the necessary mice from then.

Although this process inevitably delayed our research, we did proceed with necessary preparations for our future researches.

We have prepared the animal protocol which was approved by both the Mayo IACUC office and the Animal Care and Use Review Office (ACURO). We also processed the Material Transfer Agreement with the institution of the partnership PI. The PRSS1 R122H mice have been shipped and successfully re-derived in their institution. They have made significant progresses as you can see from a separate progress report.

We also transferred the mice from Mayo Clinic-MN to Mayo Clinic-FL. These mice just came out of the required quarantine process. The animal protocol remains the same since it is covered under the institutional review.

We set up monthly video conferences with our partnership PI to discuss any progresses and issues.

During the transfer period, we also recruited two Research Fellows. They have finished many required orientations including the animal facility training.

Currently we have the resources to do our research as planned.